

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 January 2004 (22.01.2004)

PCT

(10) International Publication Number
WO 2004/007591 A1

(51) International Patent Classification⁷:
C08L 83/04, C09D 183/04, C07F 7/08

C08G 77/04,

(74) Agents: WALSH, David, Patrick et al.; Appleyard Lees,
15 Clare Road, Halifax HX1 2HY (GB).

(21) International Application Number:
PCT/EP2003/007360

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 9 July 2003 (09.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
02254861.4 10 July 2002 (10.07.2002) EP
02255549.4 8 August 2002 (08.08.2002) EP

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): SIG-
MAKALON GROUP B.V. [NL/NL]; Amsterdamseweg
14, NL-1422 Uithoorn (NL).

Published:

— with international search report

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): PLEHIERS, Mark
[BE/BE]; Rue Le Corregé, 21, B-1000 Bruxelles (BE).
GILLARD, Michel [BE/BE]; Rue Jean Froissart, 6/102,
B-1348 Louvain-la-Neuve (BE).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PROCESS FOR THE PREPARATION OF POLYORGANOSILYLATED CARBOXYLATE MONOMERS OR POLYMERS THEREOF

(57) Abstract: The present invention relates to a process for the preparation of polyorganosilylated carboxylate monomers or polymers thereof, comprising the steps of reacting a cyclosiloxane of formula (R₄R₅SiO)_n with an unsaturated organosilylated carboxylate monomer or a copolymer or a polymer thereof under the presence of a suitable catalyst.



WO 2004/007591 A1